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to a direction of translation of the shank in said closing action of the die-casting machine; and

securing means for securing the mounting plate to the shank of the die-casting machine.

34. The mold section assembly according to claim 33, further comprising an ejector plate retained in the mounting plate, the ejector plate having connection means so as to be slidably engaged with an actuator portion of the shank simultaneously with the sliding engagement of the mounting plate with the shank, the ejector plate having at least one ejector actuatable by the actuator portion of the shank to be displaced into the cavity portion of the mold section to eject the cast part during an opening action of the die-casting machine.

35. The mold section assembly according to claim 33, wherein the securing means is at least one clamp.

91 36. The mold section assembly according to claim 35, wherein the at least one clamp is fixed to the shank and has a lip portion having a surface slanted with respect to the direction of translation of the shank and to a direction of the sliding engagement between the mounting plate and the shank, so as to prevent movement between the mounting plate and the shank in said directions.

37. The mold section assembly according to claim 33, further comprising an adapter between the mold section and the mounting plate for securing the mold section to the mounting plate such that mold sections of various sizes can be mounted to a common shank through a common mounting plate.

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38. The mold section assembly according to claim 33, wherein the die-casting machine is a multiple-slide die-casting machine.

39. A slide section for a die-casting machine comprising:

a shank mounted to a slide of the die-casting machine and connected to an actuation mechanism of the die-casting machine for being translated with respect to the slide in closing/opening actions of the die-casting machine;

a mounting plate having connection means so as to be slidably engaged to a leading end of the shank, in a direction generally perpendicular to a direction of translation of the shank in the slide;

a mold section secured to the mounting plate and having a cavity portion, the mold section being adapted to cooperate with at least another mold section in a closing action of the die-casting machine to form a cavity to receive an injection of material for producing a cast part; and

securing means for securing the mounting plate to the shank.

40. The slide section according to claim 39, further comprising an ejector plate retained in the mounting plate, the ejector plate having at least one ejector displaceable into the cavity portion of the mold section to eject the cast part during the opening action of the die-casting machine, and wherein the shank comprises an ejector hub slidably received in an inner cavity of the shank, the ejector hub being connected to the ejector plate simultaneously with the sliding engagement of the mounting plate with the shank and being actuated so as to displace the ejector for ejecting the cast part.

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41. The slide section according to claim 39, wherein the securing means is at least one clamp.

42. The slide section according to claim 41, wherein the clamp is fixed to the shank and has a lip portion having a surface slanted with respect to the direction of translation of the shank and a direction of the sliding engagement between the mounting plate and the shank, so as to prevent movement between the mounting plate and the shank in said directions.

43. The slide section according to claim 39, further comprising an adapter between the mold section and the mounting plate for securing the mold section to the mounting plate such that mold sections of various sizes can be mounted to a common shank through a common mounting plate.

44. The slide section according to claim 39, wherein the die-casting machine is a multiple-slide die-casting machine.

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45. A method for installing a mold section assembly on a shank of a die-casting machine, comprising the steps of:

i) providing a mold section assembly having connection means complementary to a leading end of a shank of a die-casting machine;

ii) sliding the connection means of the mold section assembly onto the leading end of the shank in a direction generally perpendicular to a direction of translation of the shank in the die-casting machine; and

iii) securing the mold section assembly to the shank with securing means.

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46. The method according to claim 45, further comprising the steps of:

iv) removing the securing means securing the mold section assembly to the shank;

v) sliding the mold section assembly away from the shank in a direction opposite to the direction of sliding engagement between the mold section assembly and the shank, whereby the mold section assembly is removed from the shank.

a) 47. The method according to claim 45 wherein the step ii) includes an engagement of an ejector portion of the mold section assembly with an actuator portion of the shank simultaneously with the sliding engagement of the connection means of the mold section assembly with the leading end of the shank.

48. The method according to claim 45, wherein the die-casting machine is a multiple-slide die-casting machine.

49. The method according to claim 45, wherein the securing means is at least one clamp.

REMARKS / ARGUMENTS

Claims 33 to 49 are now in the application.

No new subject matter has been added to the specification. Claims 33 to 49 are supported by the specification.